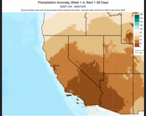
Weather West • 11 days ago

Very dry weather across California through mid-December

Despite some recent NorCal precip, conditions remain dry statewide Precipitation this autumn has been far below average--near record lo…

weatherwest.com

2249 Comments



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Storm Master > YCC • an hour ago

More information coming in about oh might get shut off and it looks like areas above 2500 to 3,000ft will get impacted buy the shut off Sonora will not be impacted has of right now

https://pgealerts.alerts.pg...

• Reply • Share ›

Camptonvillain ➦ Storm Master > YCC • 18 minutes ago

I’m at 2865 and got the alert.

• Reply • Share ›

mbmattcor (Grass Valley) ➦ Storm Master > YCC • 22 minutes ago

i'm at 2650' and just got alert :/

• Reply • Share ›

2Pluvious-MH ➦ Storm Master > YCC • 23 minutes ago

Has the blog deciphered > YCC ?
“Y” * * designates airports in Canada. That’s my guess. I’m sure thats a hard Nop!

• Reply • Share ›

Great Winter of 17 (SanCarlos) • an hour ago • edited

In times like this we have to remember that the big rains and snow will return again to California soon!

2 ^ | ⌄ • Reply • Share ›

NorthWindHater (Orange) ➦ Great Winter of 17 (SanCarlos) • an hour ago
Wowza! Nature porn at its best!
^ | ⌄ • Reply • Share ›

Livermore Weather Fanatic • an hour ago
After 4 days in December, highs are 16% above historic averages and lows are 7% below historic, with lots of sun.
^ | ⌄ • Reply • Share ›

Charlie B • an hour ago
How do surfers measure the height of waves? I'm on the beach in San Clemente. I asked a lifeguard and his explanation made little sense. He is the guy who wrote 3-5' on the blackboard. I said it looked twice that and he agreed and seemed to say that 3-5 really meant 6-10 but in Hawaii it would be 1-2. It was a day that kept me very entertained watching kids perform all types of amazing acrobatics on their boards. Waves towered over them as the bobbed and weaved before being sent sideways as everything collapsed on them, boards vertical for a moment. Friends on the shore cheered. It must be nice to be young and carefree. So, how are surfer waves measured.
^ | ⌄ • Reply • Share ›

MM ➦ Charlie B • an hour ago
California you would measure standing in front of the wave face. So head high waves would be about 6', with you standing at the trough and the crest about 6" above eye level.

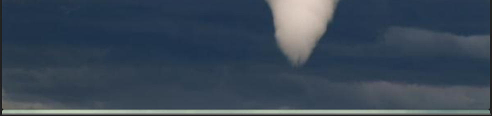
In hawaii and a lot of the southern hemisphere, you would measure 'the back of the wave'. So if a wave rolls by in the lineup and you look back towards shore, it might be a 2' high lump of water, but if you were in front of it, the face would be about 6'. This is equivalent to what a swell would show on the buoys while out at sea.

It makes more sense when you become familiar with swell sources, the exponential relationship b/t period and height, and predominate periods and local bathymetry for each region around the world.
Still- it is pretty ephemeral
1 ^ | ⌄ • Reply • Share ›

CHeden (cottonwood) ➦ MM • 14 minutes ago
In all my years in Pacifica, I had the following scale for surf:
Fishable, blown out or The Pier's closed.
Lol!
p.s. I didn't surf much....screwed up my back good at Rockaway back in the 70's... it was a rare ride on a boogie board thereafter.
But seriously, MM has it correct. Trough to peak facing the wave.
1 ^ | ⌄ • Reply • Share ›

Charlie B ➦ MM • an hour ago
Now that makes sense. Thanks. Everyone has smiles and says this is a nice winter swell.
1 ^ | ⌄ • Reply • Share ›

Central_Cal_WX • an hour ago • edited
Throw back to February 21, 2005. The big Sacramento tornado outbreak.



see more

6 ^ | ˅ • Reply • Share ›

Storm Master > YCC ➦ Central_Cal_WX • an hour ago

I can't remember did we get a tornado watch that day or severe thunderstorm watch?

^ | ˅ • Reply • Share ›

Weather West **Mod** ➦ Central_Cal_WX • an hour ago

That was quite a day!

^ | ˅ • Reply • Share ›

Central_Cal_WX ➦ Weather West • an hour ago

I was a TV NEWS photographer (ABC), I just got my first HD camera that day and this was the first thing I shot with it. I've never seen a sky turn such an emerald green color before.

2 ^ | ˅ • Reply • Share ›

Storm Master > YCC • 2 hours ago

if you want rain you most 1st give me kiss

1 ^ | ˅ • Reply • Share ›

Shane Spencer ➦ Storm Master > YCC • an hour ago

Well okay, why not...

^ | ˅ • Reply • Share ›

Geomagnetic_Storm(San Jose) ➦ Storm Master > YCC • an hour ago

Hmmmm....

^ | ˅ • Reply • Share ›

Storm Master > YCC ➦ Geomagnetic_Storm(San Jose) • an hour ago

or be turn in too a frog lol

^ | ˅ • Reply • Share ›

Geomagnetic_Storm(San Jose) ➦ Storm Master > YCC • an hour ago

Ribbit.

1 ^ | ˅ • Reply • Share ›

Storm Master > YCC ➦ Storm Master > YCC • an hour ago

kidding lol

^ | ˅ • Reply • Share ›

mosedart (Santa Cruz Mtns) ➦ Storm Master > YCC • 2 hours ago

that's vary inappropriate, but given the circumstances, I don't see what choice we have.

4 ^ | ˅ • Reply • Share ›

Storm Master > YCC ➦ mosedart (Santa Cruz Mtns) • an hour ago

it was meant too be funny lol

^ | ˅ • Reply • Share ›

SoCalWXwatcher ↪ mosedart (Santa Cruz Mtns) • 2 hours ago

Just make sure you both are wearing your face masks.

3 ⌃ | ⌄ • Reply • Share ›

Noah's ARk (209) ↪ SoCalWXwatcher • 2 hours ago

and watch out for the feet jets...

3 ⌃ | ⌄ • Reply • Share ›

Tuolumne ↪ Noah's ARk (209) • 41 minutes ago

Watch out for the COVID jets from unmasked mouths...

⌃ | ⌄ • Reply • Share ›

Straw Droughtyessa (Winters) • 2 hours ago

Wind speeds for Sun/Mon wind event here continue to trend upward on each forecast run. At this rate, by Sunday morning we will be looking at winds averaging in the upper 20s and gusting to 40 or higher.

As some have mentioned here, the forecast models seem to have a high level of accuracy identifying wind events 8-10 days out, unlike with rain events. The specifics (exact timing, speeds) are not as accurate in the long range but it is very helpful for me in terms of planning to know when wind is coming, especially with irrigation and transplanting.

⌃ | ⌄ • Reply • Share ›

Shane Spencer ↪ Straw Droughtyessa (Winters) • 2 hours ago

D'Oh!... I knew it, I just knew it... I just got most of the leaves finished around the property. Finally looks like a postcard, perfect....
Okay then... this time was only a practice run.

⌃ | ⌄ • Reply • Share ›

Tuolumne ↪ Shane Spencer • 40 minutes ago

Entropy at work.

⌃ | ⌄ • Reply • Share ›

weathergeek100 (Pleasant Hill) • 3 hours ago • edited

Stay-at-home order combined with possible PSPS from late this weekend? What if you want to go visit a friend who has power....maybe because you need it. You know, you're surviving on life safety equipment, you just need to work or just study for an exam (like me). Is that considered essential?

Have fun everyone.

1 ⌃ | ⌄ • Reply • Share ›

Noah's ARk (209) ↪ weathergeek100 (Pleasant Hill) • 2 hours ago

When I looked into the details of the new stay-at-home order, my first thought was...oh good, we (my family) are already doing all of this. No sweat.

1 ⌃ | ⌄ • Reply • Share ›

rob b-Truckee/East Bay ↪ weathergeek100 (Pleasant Hill) • 2 hours ago

In regards life safety PGE and local first responders know who has a medical need. Doctors sign off and that paperwork is submitted to PGE, you'll see it listed as “medical baseline” when it shows the number of people who can/did lose power.

⌃ | ⌄ • Reply • Share ›

Central Valley gal ↪ weathergeek100 (Pleasant Hill) • 2 hours ago

Essential is whatever you deem essential.

⌃ | ⌄ • Reply • Share ›

Geomagnetic_Storm(San Jose) • 3 hours ago

72 degrees. 😑

⌃ | ⌄ • Reply • Share ›

2Pluvious-MH ↪ Geomagnetic_Storm(San Jose) • 17 minutes ago

It would be a stellar day if there had been 5 inches of rain in November preceded by 3 inches in October. All evenly spaced.

1 ⌃ | ⌄ • Reply • Share ›

David (SF) • 3 hours ago

Is it just me or does it feel like we may be heading into one of the driest rain years in history?

1 ⌃ | ⌄ • Reply • Share ›

Chris (Morgan Hill) ↪ David (SF) • an hour ago

If the long range outlooks for the rest of December are on track, we certainly are.

⌃ | ⌄ • Reply • Share ›

2Pluvious-MH ➦ Chris (Morgan Hill) • 12 minutes ago • edited

I'm praying for yet another back loaded year.

⌃ | ⌄ • Reply • Share ›

Shane Ritter ➦ David (SF) • 2 hours ago

Way way way to early. 3 weeks can change an entire year. 6 weeks radically. In mid February 2018 the Sierra had a 15% snowpack with record low snowfall totals. By the end of March 5 weeks later we had received 250-300" and had a 60% snowpack.

I will say we off to a bad start. And it looks increasingly likely we have a below average winter.

3 ⌃ | ⌄ • Reply • Share ›

SoCalWXwatcher ➦ Shane Ritter • 2 hours ago

This season seems to be starting out like 2017/2018. In December 2017 we had Santa Anas and several bad fires. "March Mitigation", possibly aided by a PV Displacement event, saved that season from being a complete disaster.

3 ⌃ | ⌄ • Reply • Share ›

Carson Lee Side ➦ David (SF) • 3 hours ago

It does feel that way, but things can change radically. This season is just beginning. Patterns can shift surprisingly and without good explanation as to why.

2 ⌃ | ⌄ • Reply • Share ›

David (SF) ➦ Carson Lee Side • 2 hours ago

Thanks that's helpful to at least know that current performance is not necessarily indicative of future performance.

1 ⌃ | ⌄ • Reply • Share ›

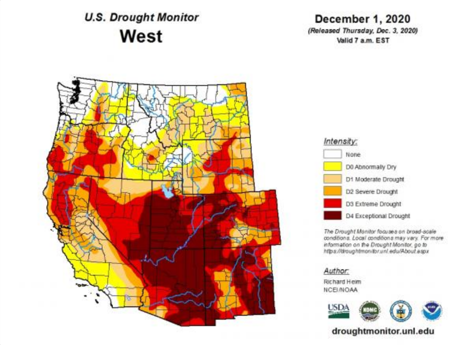
Dan the Weatherman ➦ Carson Lee Side • 3 hours ago • edited

I do think the pattern will shift as we get toward the end of December and that we will get some decent storms starting in January. The fall of 1999 (another moderate La Nina) was just about as dry in Socal as this fall has been so far, and we got some decent rainfall from February to early April and Los Angeles finished that season with almost 12".

3 ⌃ | ⌄ • Reply • Share ›

Nathan ➦ David (SF) • 3 hours ago

Definitely not just you.



2 ⌃ | ⌄ • Reply • Share ›

Straw Droughtyessa (Winters) ➦ David (SF) • 3 hours ago

It will certainly be in the top three driest calendar years unless we get a serious shot of rain in late Dec.

1 ⌃ | ⌄ • Reply • Share ›

SLCWx ➦ David (SF) • 3 hours ago

It's even been pretty dry here in Salt Lake so far this year and they usually do well in La Ninas. Per the comment below I can't recall this much inactivity this Fall weather wise in the western 2/3rds of the country in recent memory.

1 ⌃ | ⌄ • Reply • Share ›

Dan the Weatherman ➦ SLCWx • 3 hours ago • edited

I was looking at NWS F6 data for Seattle the other day and from September to the end of November they actually are sitting almost an inch below average for the season (at least at SeaTac). Talk about an area that usually gets doused during a La Nina year!

^ | ˅ • Reply • Share ›

Charlie B ➦ Dan the Weatherman • 2 hours ago

SE Alaska is getting hammered. Landslides, flooding, etc. The hose is out there, but it is pointed north.

1 ^ | ˅ • Reply • Share ›

Show 1 new reply

Noah's ARk (209) ➦ David (SF) • 3 hours ago

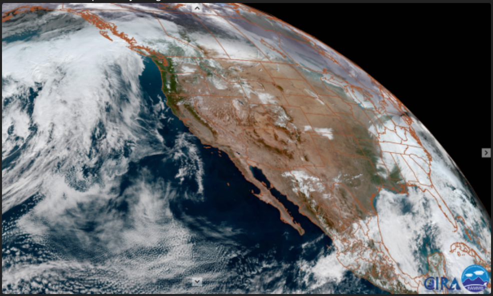
Realistically speaking, yes...that's how everyone is feeling right now.R
However, rationally speaking, of course, it makes little sense to say that on Dec 4. Chalk it up to PTDD. I think we already lost one of our regular contributors to PTDD earlier today.

1 ^ | ˅ • Reply • Share ›

Carson Lee Side • 4 hours ago

Well, if you wanted to get a view of North America from space, today is a good day to do so, as most of the continent is cloud-free. The lack of storm systems across our great land is profound.

12/4/20: An Exceptionally Large Donut Hole



4 ^ | ˅ • Reply • Share ›

Tuolumne ➦ Carson Lee Side • 3 hours ago

Note also the paltry snowpack. A donut hole for a week or three is fine and many happened in earlier decades of my life. Thing is, it rained and snowed a lot before and after those reigns of dryness. It was great to have the rain stop for a bit, the sun to come out, and to see the green fields and hills of well-watered grass glow in the winter sunlight. Then the rain eventually returned and we'd resume our progress towards a spring abundance of wildflowers and melting snow in the mountains.

5 ^ | ˅ • Reply • Share ›

Carson Lee Side ➦ Tuolumne • 3 hours ago

Yes, paltry snowpack throughout, including the vast expanse of the northern Great Plains.

^ | ˅ • Reply • Share ›

Apotropaic ➦ Carson Lee Side • 3 hours ago

Wow is that the August Complex burn scar? incredible that it's so prominent from space.

2 ^ | ˅ • Reply • Share ›

Tuolumne ➦ Apotropaic • 39 minutes ago

Look like it to me.

^ | ˅ • Reply • Share ›

Carson Lee Side ➦ Apotropaic • 3 hours ago • edited

Actually the August Complex is not done burning. It has moved on to other conquer other planets.

1 ^ | ˅ • Reply • Share ›

Nathan ➦ Apotropaic • 3 hours ago

Nah, that's just California.

2 ^ | ˅ • Reply • Share ›

CrashingOut ↪ Nathan • 3 hours ago

California IS a burn scar

1 ^ | ˅ • Reply • Share ›

NorthBay707 • 5 hours ago

70* in mid December in NorCal.... at least we had a cold snap in December 2013...

1 ^ | ˅ • Reply • Share ›

rob b-Truckee/East Bay ↪ NorthBay707 • 5 hours ago

December 2014 we had the early rain which was great for the Bay Area but then the temps jumped. I remember a 70* day December 23rd around 1pm that day.

1 ^ | ˅ • Reply • Share ›

Straw Droughtyessa (Winters) ↪ NorthBay707 • 5 hours ago

It's been plenty cold at night here, low 30s every day. The arctic blast in 2013 wiped out winter fruit and veg crops all the way to Bakersfield, not something anyone should be wishing for.

^ | ˅ • Reply • Share ›

Travis ↪ Straw Droughtyessa (Winters) • 3 hours ago

Not too far from you

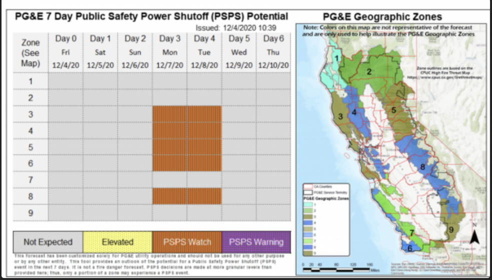
^ | ˅ • Reply • Share ›

Travis ↪ Straw Droughtyessa (Winters) • 3 hours ago

CAPAY ORGANIC
Ryder
Ever better.

^ | ˅ • Reply • Share ›

Storm Master > YCC • 6 hours ago



PG&E 7 Day Public Safety Power Shutoff (PSPS) Potential

Issued: 12/4/2020 10:39

Zone (See Map)	Day 0 Fri 12/4/20	Day 1 Sat 12/5/20	Day 2 Sun 12/6/20	Day 3 Mon 12/7/20	Day 4 Tue 12/8/20	Day 5 Wed 12/9/20	Day 6 Thu 12/10/20
1	⬜	⬜	⬜	⬜	⬜	⬜	⬜
2	⬜	⬜	⬜	⬜	⬜	⬜	⬜
3	⬜	⬜	⬜	🟧	🟧	⬜	⬜
4	⬜	⬜	⬜	🟧	🟧	⬜	⬜
5	⬜	⬜	⬜	🟧	🟧	⬜	⬜
6	⬜	⬜	⬜	🟧	🟧	⬜	⬜
7	⬜	⬜	⬜	⬜	⬜	⬜	⬜
8	⬜	⬜	⬜	🟧	🟧	⬜	⬜
9	⬜	⬜	⬜	⬜	⬜	⬜	⬜

⬜ Not Expected | 🟨 Elevated | 🟧 PSPS Watch | 🟪 PSPS Warning

This forecast has been customized solely for PG&E utility operations and should not be used for any other purpose or by any other entity. This tool provides an outlook of the potential for a Public Safety Power Shutoff (PSPS) event in the next 7 days. It is not a fire danger forecast. PSPS decisions are made at more granular levels than provided here; thus, only a portion of a zone may experience a PSPS event.

PG&E Geographic Zones

Note: Colors on this map are not representative of the forecast and are only used to help illustrate the PG&E Geographic Zones

^ | ˅ • Reply • Share ›

Straw Droughtyessa (Winters) ↪ Storm Master > YCC • 5 hours ago

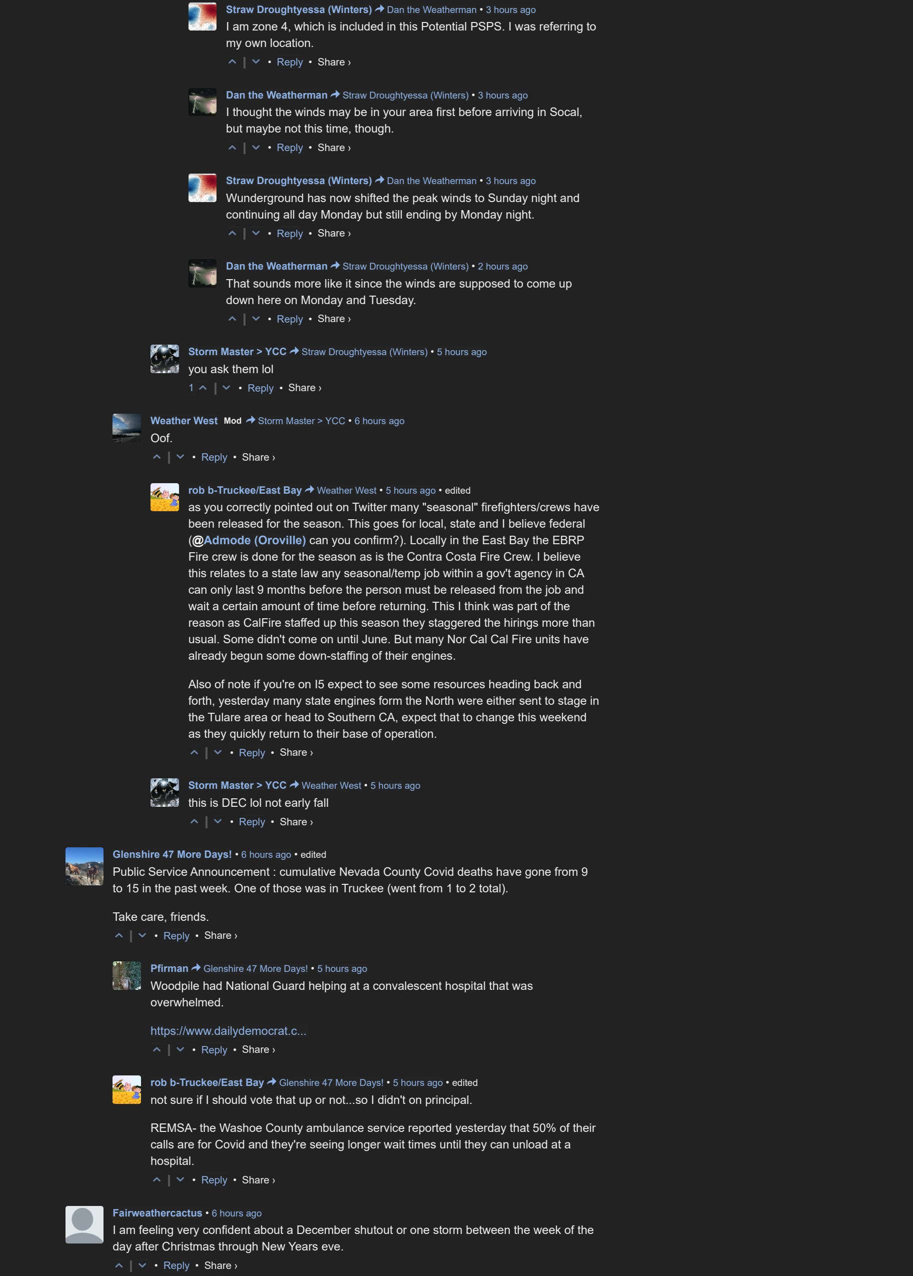
This is odd since I am seeing the winds peaking Saturday night. Why would the PSPS be Mon/Tues instead of Sun/Mon?

^ | ˅ • Reply • Share ›

Dan the Weatherman ↪ Straw Droughtyessa (Winters) • 3 hours ago

The peak of the Santa Ana in Socal is supposed to be in the Monday / Tuesday time frame, so maybe the PSPS dates are for that.

^ | ˅ • Reply • Share ›



Straw Droughtyessa (Winters) ➦ Dan the Weatherman • 3 hours ago
I am zone 4, which is included in this Potential PSPS. I was referring to my own location.
Reply • Share ›

Dan the Weatherman ➦ Straw Droughtyessa (Winters) • 3 hours ago
I thought the winds may be in your area first before arriving in Socal, but maybe not this time, though.
Reply • Share ›

Straw Droughtyessa (Winters) ➦ Dan the Weatherman • 3 hours ago
Wunderground has now shifted the peak winds to Sunday night and continuing all day Monday but still ending by Monday night.
Reply • Share ›

Dan the Weatherman ➦ Straw Droughtyessa (Winters) • 2 hours ago
That sounds more like it since the winds are supposed to come up down here on Monday and Tuesday.
Reply • Share ›

Storm Master > YCC ➦ Straw Droughtyessa (Winters) • 5 hours ago
you ask them lol
1 • Reply • Share ›

Weather West Mod ➦ Storm Master > YCC • 6 hours ago
Oof.
Reply • Share ›

rob b-Truckee/East Bay ➦ Weather West • 5 hours ago • edited
as you correctly pointed out on Twitter many "seasonal" firefighters/crews have been released for the season. This goes for local, state and I believe federal (**@Admode (Oroville)** can you confirm?). Locally in the East Bay the EBRP Fire crew is done for the season as is the Contra Costa Fire Crew. I believe this relates to a state law any seasonal/temp job within a gov't agency in CA can only last 9 months before the person must be released from the job and wait a certain amount of time before returning. This I think was part of the reason as CalFire staffed up this season they staggered the hirings more than usual. Some didn't come on until June. But many Nor Cal Cal Fire units have already begun some down-staffing of their engines.

Also of note if you're on I5 expect to see some resources heading back and forth, yesterday many state engines form the North were either sent to stage in the Tulare area or head to Southern CA, expect that to change this weekend as they quickly return to their base of operation.
Reply • Share ›

Storm Master > YCC ➦ Weather West • 5 hours ago
this is DEC lol not early fall
Reply • Share ›

Glenshire 47 More Days! • 6 hours ago • edited
Public Service Announcement : cumulative Nevada County Covid deaths have gone from 9 to 15 in the past week. One of those was in Truckee (went from 1 to 2 total).

Take care, friends.
Reply • Share ›

Pfirman ➦ Glenshire 47 More Days! • 5 hours ago
Woodpile had National Guard helping at a convalescent hospital that was overwhelmed.

https://www.dailydemocrat.c...
Reply • Share ›

rob b-Truckee/East Bay ➦ Glenshire 47 More Days! • 5 hours ago • edited
not sure if I should vote that up or not...so I didn't on principal.

REMSA- the Washoe County ambulance service reported yesterday that 50% of their calls are for Covid and they're seeing longer wait times until they can unload at a hospital.
Reply • Share ›

Fairweathercactus • 6 hours ago
I am feeling very confident about a December shutout or one storm between the week of the day after Christmas through New Years eve.
Reply • Share ›

SoCalWXwatcher ➦ Fairweathercactus • 2 hours ago

December 2017, the sequel?

^ | ⌄ • Reply • Share ›

Straw Droughtyessa (Winters) ➦ Fairweathercactus • 5 hours ago

Your new avatar reminds me: I have a Christmas cactus inside my house. It hasn't started flowering or even making flower buds yet. Is it somehow able to sense the bizarre weather outside my house, or maybe it's getting too much sun at a time it should be cloudy and raining?

^ | ⌄ • Reply • Share ›

Shane Spencer ➦ Straw Droughtyessa (Winters) • an hour ago

Don't know, but my christmas cactus is also suffering. It's a head scratcher.

^ | ⌄ • Reply • Share ›

Climate 101 ➦ Fairweathercactus • 6 hours ago

I'm pretty certain too that you folks in CA will have a shut out month or at the least a very bone dry month.

^ | ⌄ • Reply • Share ›

The Monolith (SMX) ➦ Fairweathercactus • 6 hours ago

I'm more confident we'll get a splash and dash between December 18-31. Real rain begins after January 20th. Book it!

1 ^ | ⌄ • Reply • Share ›

Dan the Weatherman ➦ The Monolith (SMX) • 3 hours ago

Whether or not we get anything for December or not in Socal, I believe there will be a change in the pattern in which it will turn wetter in January. I just simply don't think it will stay this dry forever, but I know that a few on here will disagree with me on that one.

1 ^ | ⌄ • Reply • Share ›

jstrahl ➦ The Monolith (SMX) • 3 hours ago

Which year?

^ | ⌄ • Reply • Share ›

Straw Droughtyessa (Winters) ➦ The Monolith (SMX) • 5 hours ago

Yep we are due for another 0.08" in my area, followed by an offshore wind that evaporates 1" or more in its wake.

2 ^ | ⌄ • Reply • Share ›

Climate 101 ➦ The Monolith (SMX) • 5 hours ago

Yup, if even that. CA is in a very prolonged dry period as far out as I can see.

^ | ⌄ • Reply • Share ›

Dan the Weatherman ➦ Climate 101 • 3 hours ago

I don't think it will last forever, though.

^ | ⌄ • Reply • Share ›

inclinejj • 7 hours ago

https://news.yahoo.com/cali...

Good article Daniel.

2 ^ | ⌄ • Reply • Share ›

Shane Spencer ➦ inclinejj • an hour ago

S.F. Chronicle via Polaris
ABC NEWS PRIME
'IT'S NOT TOO LATE'
SCIENTISTS WARN OF 'TRILLION DOLLAR' MEGA DISASTER
5:03 / 7:27
VQ
CC

^ | ⌄ • Reply • Share ›

Chris (Morgan Hill) ↗ inclinejj • 4 hours ago

Thanks for sharing.

^ | ˅ • Reply • Share ›

alanstorm ↗ inclinejj • 6 hours ago

Stuck patterns
Stuck patterns
Stuck patterns

^ | ˅ • Reply • Share ›

Bombillo ↗ inclinejj • 6 hours ago • edited

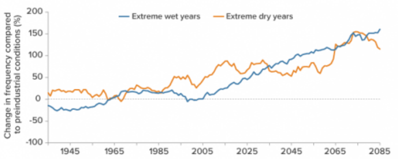
Being reminded of the potential for catastrophic flooding in the midst of a catastrophic absence of rain is like Costco switching their merchandising to a Christmas theme in the middle of August. Fun to fantasize though.

4 ^ | ˅ • Reply • Share ›

Noah's ARk (209) ↗ Bombillo • 6 hours ago

Yep...a little hard to wrap the old brain around this:

CALIFORNIA WILL EXPERIENCE EXTREME WEATHER MORE FREQUENTLY



Source: Swain, D., B. Langenbrunner, J. David Neelin, and A. Hall. 2018. "Increasing Precipitation Volatility in Twenty-first-century California."
Note: The graph shows projected changes in the likelihood of a year being extremely wet (similar to 2017) or extremely dry (similar to 1977). Extreme wet years have a 1-in-25 chance of occurrence in any given year under preindustrial conditions; for extreme dry years, the chance of occurrence is 1-in-100. The likelihood—or percentage change in frequency—is increasing with the changing climate.
From: PPIC Blog, July 2020.

PPIC

2 ^ | ˅ • Reply • Share ›

Noah's ARk (209) ↗ inclinejj • 6 hours ago

Thanks for this. The accompanying video is good fodder for discussion. I wonder which types of patterns are more conducive to an ARkstorm? Undercutting of a blocking high? Or would it be more likely under the zonal flow of a blocking persistent Aleutian low?

^ | ˅ • Reply • Share ›

Chris (Morgan Hill) ↗ Noah's ARk (209) • 4 hours ago

I would say undercutting. 1986 was a great example of that.
So was 1992-93, 2004-05, and 2016-17....... though those years were split flows vs full undercutting.

1 ^ | ˅ • Reply • Share ›

PRCounty (Santa Lucia's) ↗ inclinejj • 6 hours ago • edited

Reply moved to correct comment, one down.

^ | ˅ • Reply • Share ›

Geomorph (San Carlos) • 8 hours ago • edited

A new paper out on the effects of increasing 'evaporative demand' in California and Nevada. It is open access so anyone should be able to read it.

https://agupubs.onlinelibra...

"Since the start of the 21st century, California and Nevada have observed extreme wildland fires and droughts that have caused devastating impacts to ecosystems and society. A common feature of these events has been very high atmospheric evaporative demand—the “thirst” of the atmosphere—which has largely been driven by increased air temperatures caused by anthropogenic climate change. This study examines projected changes in evaporative demand, which of the input variables are causing those changes and how the frequency of extreme wildfire potential and multiyear droughts will change. Evaporative demand is found to increase during all seasons, and increased temperatures drive most of that change. The likelihood of extreme wildfire potential based on 2-week periods of elevated evaporative demand during summer and autumn increases substantially. A climatic water balance based on precipitation and evaporative demand indicates extreme 3-year droughts that hold potential to deplete regional-scale water supply also become much more likely. Future adaptation planning efforts for wildfire management agencies, forest management, and water resource managers should account for a greater likelihood of more extreme events."

6 ^ | ˅ • Reply • Share ›

Straw Droughtyessa (Winters) ➦ Geomorph (San Carlos) • 6 hours ago • edited

Chicken and egg question: Does the evaporative demand cause shifts in the weather result in more offshore wind events that then contribute back to increased ED...or is it the other way around?

I mentioned last week that inside slider/wind events are essentially the weather antithesis of ARs, and each time we have one instead of a rain event the atmosphere gets even drier.

• Reply • Share ›

PRCounty (Santa Lucia's) ➦ Geomorph (San Carlos) • 6 hours ago

Good article, thank you for sharing. Daniel is listed in the references. Too bad idiotic proclamations about raking, full of blame, get the national attention, while actual science gets...?

• Reply • Share ›

CHeden (cottonwood) • 9 hours ago • edited

Per a recent article from Dr. Tony Philips over on Spaceweather.com,
it seems that La NIna is having an effect on a planetary scale...pole to pole, as the Antarctic and environs are experiencing some highly anomalous behavior.
https://spaceweatherarchive...
ATTM, temps in the Stratosphere over the South Pole are record cold due in part to a ridiculously strong PV (sound familiar?), as well as the Ozone hole is now the largest for Dec. 2 on record....despite the long-term overall trend in the decline of the hole's areal coverage.
And lastly, the NLC season is now overdue, with none being detected so far. “*Normally we see the first NLCs of the southern season around Nov. 21st,” says Cora Randall of the University of Colorado’s Laboratory for Atmospheric and Space Physics (LASP). “But this year, it’s already December and we’re still waiting"*
The delay in NLC's is theorized due to changes in ocean/atmosphere coupling, which I think suggests there is a dearth of condensable moisture that's been lifted to the edge of the Mesosphere where NLC's form? The air is certainly cold enough, and the meteor smoke/nucleation seeds are relatively constant, so that leaves either a lack of moisture or excessive wind/turbulence in the Stratosphere that extends to the Mesopause thus inhibiting the NLC formation. Either is possible, and it's likely these observations are a combination of multiple factors.
I make a mention in that this current La Nina appears to be rather strongly coupled to a global shift in weather patterns, which if so, belies any "quick fixes" to our current dilemma of quiescent mid-latitude weather....at least until the PV's around each of the poles start to weaken.
This could take awhile, folks.

11 • Reply • Share ›

Dan the Weatherman ➦ CHeden (cottonwood) • 3 hours ago

What is more unusual in this case: the behavior of this La Nina or the PVs that are around each pole?

• Reply • Share ›

Climate 101 ➦ CHeden (cottonwood) • 5 hours ago

Makes perfect sense. The blocking high will certainly continue for the west coast as far out as I can see.

• Reply • Share ›

alanstorm ➦ CHeden (cottonwood) • 6 hours ago

Lack of moisture in the menopause is definitely the culprit

2 • Reply • Share ›

Pfirman ➦ alanstorm • 5 hours ago

Did you run this by the lady in the house?

• Reply • Share ›

alanstorm ➦ Pfirman • 5 hours ago

Hey. That's not my typo

• Reply • Share ›

Thunderstorm ➦ CHeden (cottonwood) • 7 hours ago • edited

Just like 1976 the most rain this season will fall next April. Maybe some on January 11th also.

1 • Reply • Share ›

CHeden (cottonwood) ➦ Thunderstorm • an hour ago • edited

IMHO, our late Spring rains last WY did little except for spurring a surge in grass and undergrowth.

• Reply • Share ›

CoastmanCliff-Orcutt ↪ CHeden (cottonwood) • 7 hours ago • edited
Is the NLC's referred to here Noctilucent clouds?
1 ^ | ˅ • Reply • Share ›

CHeden (cottonwood) ↪ CoastmanCliff-Orcutt • an hour ago
Yes
^ | ˅ • Reply • Share ›

Pfirman ↪ CoastmanCliff-Orcutt • 5 hours ago
Yes.
^ | ˅ • Reply • Share ›

Phil(ontario) ↪ CHeden (cottonwood) • 7 hours ago • edited
Per my amateur at best observations, it seems like Each weather pattern we had this year had been locked in for about 2 1/2 months. From the wet pattern we had last March April May 2 mild weather May June July to record heat August September October and our current offshore wind pattern that started in early November. If the trend holds true we can only hope the pattern shifts wet in January.
1 ^ | ˅ • Reply • Share ›

Straw Droughtyessa (Winters) ↪ Phil(ontario) • 6 hours ago
There was no wet pattern in Norcal this year, ever. We have basically been stuck in the same pattern for 8 months.
4 ^ | ˅ • Reply • Share ›

CHeden (cottonwood) ↪ Straw Droughtyessa (Winters) • an hour ago
Pretty much.
^ | ˅ • Reply • Share ›

Bob G (Gustine) ↪ CHeden (cottonwood) • 8 hours ago
Michael Ventrice tweeted a chart showing very strong La Nina coupling with the atmosphere this year.
1 ^ | ˅ • Reply • Share ›

jstrahl ↪ Bob G (Gustine) • 3 hours ago
But he's also anticipating a sudden shift due to a SSW event.
^ | ˅ • Reply • Share ›

Climate 101 ↪ Bob G (Gustine) • 5 hours ago
Expect a repeat of the 1975-77 drought period and quite possibly even worse.
^ | ˅ • Reply • Share ›

2Pluvious-MH ↪ Climate 101 • 4 hours ago
It seems odd to me that SOI is ho-hum +6.
1 ^ | ˅ • Reply • Share ›

Dan the Weatherman ↪ 2Pluvious-MH • 3 hours ago • edited
Normally the SOI would be higher in a stronger La Nina event, although it can fluctuate wildly at times.
1 ^ | ˅ • Reply • Share ›

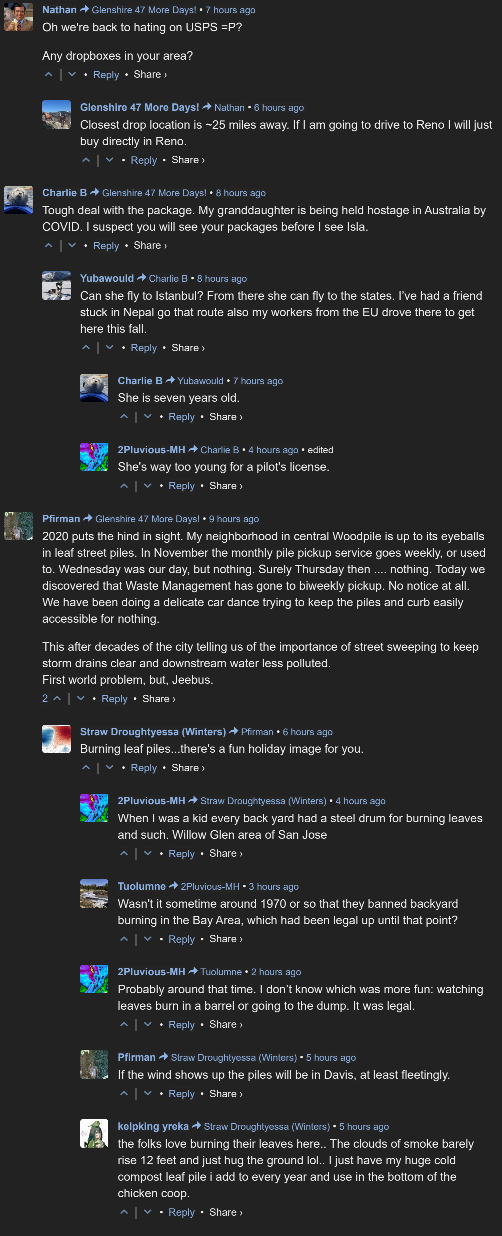
Glenshire 47 More Days! • 9 hours ago
Morning rant. I am waiting on a delivery from Amazon via USPS. This summer USPS stopped dropping off packages at our doorstep if they won't fit in our community cluster box. Just got back from the local post office (arrived before opening) and the line is somewhere around 2 hours long...in a poorly ventilated enclosed room....with 30+ strangers. I walked out. My package is now being held hostage by Covid and the postal service.

And there is no snow on the ground nor in the forecast. Not even fantasyland.

Other than that, a 19* bright sunny morning.
4 ^ | ˅ • Reply • Share ›

justsomeguy ↪ Glenshire 47 More Days! • 5 hours ago
They are just bringing in ballots to be counted again.
1 ^ | ˅ • Reply • Share ›

alanstorm ↪ Glenshire 47 More Days! • 6 hours ago
Same thing here. Tiny P.O. lobby, a mix of package carrying paranoid distance maskers looking nervous, vulnerable seniors waiting forever in line for pretty stamps & the odd “its all bullshit” annoyed Ahole with a useless tshirt collar over their face.
& Poor postal workers, stuck behind plexiglass, wondering EVERY DAY if the bearded redneck idiot with a only a dirty bandana sprayed his germs under the slot.
2 ^ | ˅ • Reply • Share ›



Nathan ➦ Glenshire 47 More Days! • 7 hours ago

Oh we're back to hating on USPS =P?

Any dropboxes in your area?

Glenshire 47 More Days! ➦ Nathan • 6 hours ago

Closest drop location is ~25 miles away. If I am going to drive to Reno I will just buy directly in Reno.

Charlie B ➦ Glenshire 47 More Days! • 8 hours ago

Tough deal with the package. My granddaughter is being held hostage in Australia by COVID. I suspect you will see your packages before I see Isla.

Yubawould ➦ Charlie B • 8 hours ago

Can she fly to Istanbul? From there she can fly to the states. I've had a friend stuck in Nepal go that route also my workers from the EU drove there to get here this fall.

Charlie B ➦ Yubawould • 7 hours ago

She is seven years old.

2Pluvious-MH ➦ Charlie B • 4 hours ago • edited

She's way too young for a pilot's license.

Pfirman ➦ Glenshire 47 More Days! • 9 hours ago

2020 puts the hind in sight. My neighborhood in central Woodpile is up to its eyeballs in leaf street piles. In November the monthly pile pickup service goes weekly, or used to. Wednesday was our day, but nothing. Surely Thursday then .... nothing. Today we discovered that Waste Management has gone to biweekly pickup. No notice at all. We have been doing a delicate car dance trying to keep the piles and curb easily accessible for nothing.

This after decades of the city telling us of the importance of street sweeping to keep storm drains clear and downstream water less polluted.
First world problem, but, Jeebus.

Straw Droughtyessa (Winters) ➦ Pfirman • 6 hours ago

Burning leaf piles...there's a fun holiday image for you.

2Pluvious-MH ➦ Straw Droughtyessa (Winters) • 4 hours ago

When I was a kid every back yard had a steel drum for burning leaves and such. Willow Glen area of San Jose

Tuolumne ➦ 2Pluvious-MH • 3 hours ago

Wasn't it sometime around 1970 or so that they banned backyard burning in the Bay Area, which had been legal up until that point?

2Pluvious-MH ➦ Tuolumne • 2 hours ago

Probably around that time. I don't know which was more fun: watching leaves burn in a barrel or going to the dump. It was legal.

Pfirman ➦ Straw Droughtyessa (Winters) • 5 hours ago

If the wind shows up the piles will be in Davis, at least fleetingly.

kelpking yreka ➦ Straw Droughtyessa (Winters) • 5 hours ago

the folks love burning their leaves here.. The clouds of smoke barely rise 12 feet and just hug the ground lol.. I just have my huge cold compost leaf pile i add to every year and use in the bottom of the chicken coop.

Weather West **Mod** • 10 hours ago • edited

I still think there's a good chance that December will *not* be a shut-out, precip-wise, despite how grim the next 2-3 weeks look. Superensembles do suggest a week or two of more "typical" winter precip toward very end of month and early Jan. But odds are still high that the next month or so--and the winter overall--will end up quite dry. So we will probably have another 2-3 weeks of possible fire weather threats during offshore wind events, which appear likely on at least 2-3 more occasions over that period and perhaps even extending to NorCal.

11 ^ | ˅ • Reply • Share ›

Tuolumne ➦ Weather West • 5 hours ago

I have a sneaking suspicion that 2020 has recruited 2021 towards nefarious ends, starting with general dryness lasting well into next year even if there are a few brief reprieves along the way.

^ | ˅ • Reply • Share ›

alanstorm ➦ Weather West • 6 hours ago

So no '64 Flood redux this Christmas?
That LaNina winter started VERY dry

^ | ˅ • Reply • Share ›

2Pluvious-MH ➦ alanstorm • 4 hours ago • edited

Valentines' Day.

^ | ˅ • Reply • Share ›

seattle weather fan ➦ Weather West • 7 hours ago

In 1999 there was a big cold storm at the end of December and I wouldn't be surprised if something similar happens this year.

^ | ˅ • Reply • Share ›

Storm Master > YCC ➦ Weather West • 8 hours ago

And. More power safety shut off has well it looks like they have resumed after taking a break

^ | ˅ • Reply • Share ›

Nathan ➦ Weather West • 9 hours ago

"Chestnuts roasting on an out of control inferno...."

11 ^ | ˅ • Reply • Share ›

Dan the Weatherman ➦ Nathan • 3 hours ago • edited

"Chestnuts roasting on a wildfire
Jack Frost melting in the sun...
Pleas for rain being sung by the choir...."

2 ^ | ˅ • Reply • Share ›

rob b-Truckee/East Bay ➦ Weather West • 9 hours ago

Cue Dumb and Dumber GIf...

1 ^ | ˅ • Reply • Share ›

Straw Droughtyessa (Winters) ➦ Weather West • 9 hours ago • edited

Forecast is bumping up wind speeds for this weekend's event here.

Authorities have been allowing ag burns this week. With the wind event showing up late Saturday, there is a very good possibility of someone doing an unauthorized burn (inspectors do not work on weekends) before the wind starts that gets spread by the wind -- especially if it starts at night. Wunderground has the wind speeds peaking at midnight on Saturday. It could even be a legal burn that is still smoldering and starts throwing sparks.

With all the dry leaves on the ground now, that could turn into quite a conflagration.

^ | ˅ • Reply • Share ›

rob b-Truckee/East Bay ➦ Straw Droughtyessa (Winters) • 8 hours ago

Who does the inspections, is it the air dist or the fire dept?

^ | ˅ • Reply • Share ›

Straw Droughtyessa (Winters) ➦ rob b-Truckee/East Bay • 6 hours ago • edited

The air district actually has enforcement people driving around during the week. The fire department does not do inspections, but they will sometimes respond if they get a call from a neighbor about a fire on a "no-burn" day. Lately every day has been a burn day though so people are probably not calling in anymore to complain.

^ | ˅ • Reply • Share ›

NorthWindHater (Orange) ↱ Straw Droughtyessa (Winters) • 8 hours ago

SMH. Down here in the burbs, I had a neighbor use his firepit twice this week while we've been under constant offshore flow. But the evenings are "so lovely."

1 ⌃ | ⌄ • Reply • Share ›

Wonderland Park • 11 hours ago

Coldest morning of the season, 43 here, see lots of mid-upper 30s in the SF Valley. The super dry air really allows radiational cooling overnight.

2 ⌃ | ⌄ • Reply • Share ›

el miradero/ sfv ↱ Wonderland Park • 9 hours ago

Cold and calm overnight
42F here
70/50 yesterday

⌃ | ⌄ • Reply • Share ›

Dan the Weatherman ↱ el miradero/ sfv • 3 hours ago

It has been calm here in Orange since yesterday afternoon with some wind yesterday morning. The strongest winds occurred from Wednesday evening to early Thursday morning when the Bond Fire was raging out of control.

⌃ | ⌄ • Reply • Share ›

redlands ↱ el miradero/ sfv • 6 hours ago

71/39 in Redlands, Ca 12/3/2020 ---

⌃ | ⌄ • Reply • Share ›

el miradero/ sfv ↱ redlands • 6 hours ago

Is 39F today or yesterday?

42F in Glendale. 39F in Woodland Hills but surprisingly warmer elsewhere in valley

⌃ | ⌄ • Reply • Share ›

mogden • 18 hours ago

As dry as a bone as far as the eye can see...

⌃ | ⌄ • Reply • Share ›

Snow Walker (Pollock Pines) ↱ mogden • 13 hours ago

2 ⌃ | ⌄ • Reply • Share ›

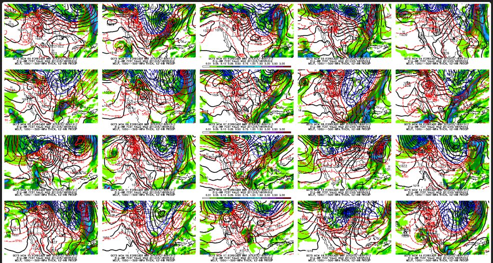
redlands • 18 hours ago

36 in Redlands, Ca at 1143pm No Winds

⌃ | ⌄ • Reply • Share ›

molbiol • 19 hours ago

Just looked at the 0Z GFS and TBH, I am feeling pretty scared and sick to my stomach. A quick look at the 18Z ensembles shows only one member bringing precip into California in the extended. We have plenty of winter ahead, but I am concerned nevertheless of what summer 2021 will have in store if current trends continue. Summers following La Nina typically feature very strong 500mb ridges and intense heatwaves and I am terrified of the type of heatwaves and fires etc. that could be in store in light of how bad this past summer was. I've said and done this before, but looks like its time for me to take a break from weather for a while for the sake of my mental health. Take care my folks (my fellow weather nerds). I am earnestly praying for storms. Luv y'all



15 ^ | ˅ • Reply • Share ›

Al (Victorville) ↱ molbiol • 11 hours ago • edited

Strong ridges do correlate to strong monsoon seasons in AZ and SoCal (usually a strong upper high in the form of 597+DM 500mb heights usually have the E-W ridge axis north of the 4-corners and SoCal)... unless that upper high does end up favoring western Nevada, shunting the moisture plume east towards NM and TX. Its way too early to make a call but I do think a hot/humid 2021 summer may be more of a possibility over the mild/dry summer like this recent one that favored a good marine layer presence.

^ | ˅ • Reply • Share ›

Yolo Hoe ↱ molbiol • 12 hours ago • edited

Hang tough — the Shredder will move onto other hunting grounds and we've still got the Heart of Winter in front of us — maybe December is our oft noted midwinter dry spell?

40F this morning in far southwest Davis.

4 ^ | ˅ • Reply • Share ›

Straw Droughtyessa (Winters) ↱ Yolo Hoe • 10 hours ago

And 31 here (face-palming).

1 ^ | ˅ • Reply • Share ›

Yolo Hoe ↱ Straw Droughtyessa (Winters) • 5 hours ago

Haha — actually dropped down to 38F after I posted, but nowhere near freezing

^ | ˅ • Reply • Share ›

Craig Matthews ↱ molbiol • 12 hours ago • edited

Summers following La Nina tend to be good monsoon seasons in the SW. Hopefully we'll get a good one next summer. 2018 was the last good one.

1 ^ | ˅ • Reply • Share ›

alanstorm ↱ molbiol • 19 hours ago

Spring basically bailed us out last year.
Finally got some decent late rains, but not enough to make up the deficit after that dry start to last Winter.

4 ^ | ˅ • Reply • Share ›

tomocean • 20 hours ago

More stuck weather patterns. That's the new normal in the over-heated climate that we now live in. It seems as though for California, that mainly means hot and drought dry. These "anomalous" conditions really aren't so anomalous any longer. I don't see how California can sustain current population levels. How long until the waves of climate refugees start moving around the globe fruitlessly trying to escape the extremes?

2 ^ | ˅ • Reply • Share ›

seattle weather fan ↱ tomocean • 7 hours ago

The high cost of living is causing people to move more than the climate. If you have owned a house for a long time you don't feel the high cost of living as much but if you are a young renter like me you almost have to move to a cheaper state.

^ | ˅ • Reply • Share ›

William Justo ↱ tomocean • 19 hours ago

Indeed. I think due to all this droughts/fires/heat in recent years, California is literally changing its climate in this portion of the planet. Wildfires & drought (bark beetles) already removed a good fraction of tree cover as well. And just saw the latest forecast for my area and reads "71" degrees this coming Tuesday in December? That's really unusual/concerning. We're already suppose to be in one of our coldest/wettest time of year next to January. If things are still like this in late-January, it's really gonna be a 'hell on earth'-type wildfire season in 2021. Pretty much losing hope for this winter season. Hopefully the spring rains provide our last ditch effort to wet the ground prior to next fire season. And our seasons are heading towards just 2 types: Dry/hot/smoggy/smoky/fiery (summer) and Dry/cold or mild/windy/fiery (winter).

4 ^ | ˅ • Reply • Share ›

Bob G (Gustine) ↗ tomocean • 19 hours ago

Right now i think we are stuck in s typical La Nina pattern

^ | ˅ • Reply • Share ›

seattle weather fan ↗ Bob G (Gustine) • 7 hours ago

This is not a typical LA Nina pattern we have only gotten average rainfall in Seattle and LA nina's are usually wetter than average. I also see a trough over the midwest during LA Nina and that hasn't happend yet. We usually don't feel the full force of LA Nina until Jan or Feb so there is still hope but the lack of early season storms is more and more worrisome. I think of the lack of sea ice is defenitly changing how El Nino and LA nina behave.

^ | ˅ • Reply • Share ›

tomocean ↗ Bob G (Gustine) • 19 hours ago

Disagree. Even in a typical La Nina pattern we get rain, and normally cold weather. We have neither right now. Nothing about this is typical.

4 ^ | ˅ • Reply • Share ›

Bob G (Gustine) ↗ tomocean • 11 hours ago

Weve had bone dry la nina winters historically also

^ | ˅ • Reply • Share ›

Straw Droughtyessa (Winters) ↗ Bob G (Gustine) • 10 hours ago • edited

Every farmer I know right now is like, "Yup, cold and dry La Nina". Then they go on to list the other ones.

That said, this is going to be the #1 driest Sept-Dec for my area ever. So it's not "exactly" like other cold, dry La Ninas.

^ | ˅ • Reply • Share ›

Bob G (Gustine) ↗ Straw Droughtyessa (Winters) • 8 hours ago

Maybe but the winter of 1975/1976 Modesto only received about 5.5 inches of rain. That is equivalent to missing two months of wet winter weather

^ | ˅ • Reply • Share ›

William Justo ↗ tomocean • 19 hours ago

I was thinking the same thing. We should've of at least got something in terms of storms by now regardless of El Nino/La Nina. No matter how we try to sugarcoat it at this point, it's looking pretty grim.

^ | ˅ • Reply • Share ›

NorthWindHater (Orange) ↗ tomocean • 20 hours ago

Only the few of us on this board are connecting the dots. That's the bizarre thing. Why in the hell would anyone buy a home in a burn area? Yet the marktet is hotter than our present temperature anomalies. I don't think 50 percent of the population will acknowledge it until they are personally on fire. Nobody is worried. This is beautiful weather, baby!

5 ^ | ˅ • Reply • Share ›

PRCounty (Santa Lucia's) ↗ NorthWindHater (Orange) • 11 hours ago

It's a form of insanity.

1 ^ | ˅ • Reply • Share ›

Rain Lorde ↗ NorthWindHater (Orange) • 19 hours ago

It can be so frustrating. A guy at work asked me - "what is wrong with me and why do I hate people" when I said that I am wishing for rain.

4 ^ | ˅ • Reply • Share ›

Central Vallejo ↗ Rain Lorde • 3 hours ago

I get irritated when I hear or read weather forecasts that still call it a "threat" of rain. Really?

^ | ˅ • Reply • Share ›

NorthWindHater (Orange) • 20 hours ago

Sobering thoughts on the current wind event. In north/inland Orange County, gusts were mostly sub 50MPH. Duration was less than 24 hours, whereas it was advertised to be roughly 60 hours. A rather average event, probably less severe than the Thanksgiving event.

However, the Airport Fire to our east, and the Bond Fire in inland OC spread rapidly and forced more evacuations. The Bond Fire impacted many of the same homeowners as the Silverado Fire from Halloween week.

With the extreme dryness that we are stuck in, a midling offshore event is more than enough to screw us. We don't need "monster" events, the midling variety is more than we can handle.

One day soon, all the planet's little fires are gonna start joining hands.

⌃ | ⌄ • Reply • Share ›

redlands ➦ NorthWindHater (Orange) • 20 hours ago

This current wind event didnt show up in Redlands, Ca - however the last/ Thanksgiving event was a good event for Redlands, with a 37 mph wind gust

1 ⌃ | ⌄ • Reply • Share ›

Al (Victorville) ➦ redlands • 11 hours ago • edited

I didn't get much if any wind here... and I think its partly due to this event being driven by pressure and thermal gradients (that's why I'm now having the coldest temps of the year compared to Thanksgiving night), and it was more E-NE rather than N-NE. The thanksgiving event was driven mainly by subsidence and upper wind support aloft and I clocked a 44mph max gust out of the north that time.

⌃ | ⌄ • Reply • Share ›

Dan the Weatherman ➦ redlands • 20 hours ago

This event wasn't as strong as the Thanksgiving wind event here in Orange, although there were other areas where the wind was absolutely howling.

1 ⌃ | ⌄ • Reply • Share ›

redlands ➦ Dan the Weatherman • 19 hours ago

Is that due to the setup and strength that determines who gets wind and strength. Was looking forward to some wind, since we have no weather to enjoy.

⌃ | ⌄ • Reply • Share ›

Dan the Weatherman ➦ redlands • 19 hours ago

Yes, and I also think it has to to do with the exact location and shape of the high and low pressure systems responsible for the wind and the exact direction in which the flow is originating from.

1 ⌃ | ⌄ • Reply • Share ›

VC_AvocadoGrower (VTA/SP) • 20 hours ago • edited

Fun thought exercise for the WW brain trust that I kick around in my head when we have a s**t start to winter with no rain and plenty of Santa Anas... How far north do you think you could commercially grow avocados? Or at least as "serious side gig/hobby" like we do?

Parameters as follows: No more than 16 nights a year with minimums below 32. Temps shouldn't dive below 29 for no more than 2-3 hours at time. Cold snaps below 27 are game over. Same with snow.

Summer highs shouldn't regularly exceed 95. Certainly not more 100+ for more than 2-3 weeks straight. Ideal is 60-85 degrees. Oh and avocados love consistency, so the more predictable the summer high the better.

20-30" of rain would be a dream. Maximum precip shouldn't be more than 45 to 50" though. Curious to see what you all come up with...

⌃ | ⌄ • Reply • Share ›

Noah's ARk (209) ➦ VC_AvocadoGrower (VTA/SP) • 3 hours ago

Marin/Sonoma counties?

⌃ | ⌄ • Reply • Share ›

Straw Droughtyessa (Winters) ➦ VC_AvocadoGrower (VTA/SP) • 10 hours ago

We have some citrus growing areas in the hills around here where a few folks are growing very small amounts of avocadoes -- not Hass though. They tend to stay in the 40s at night all winter just off the valley floor.

Of course the summer weather is the big problem here, but the trees I've seen seemed to handle the 110 degrees this summer no problem. Our farm advisor is talking about the "Gem" variety and how it may have more heat tolerance, it's currently being grown in S. San Joaquin Valley. I think that trees, like people, get acclimated somewhat to the weather.

Our average rainfall is 24".

That said, it seems now with climate change that the probability of a damaging freeze has increased almost everywhere in the state.

2 ^ | ˅ • Reply • Share ›

VC_AvocadoGrower (VTA/SP) ➦ Straw Droughtyessa (Winters) • 9 hours ago

Yes I believe the GEM variety and other varieties being worked on by the UC researchers out at the test field in Visalia will be game changers for avocado farming in the Central Valley, NPR had a good piece that may be of interest to you:

https://www.npr.org/section...

1 ^ | ˅ • Reply • Share ›

charles ➦ VC_AvocadoGrower (VTA/SP) • 16 hours ago

Brookings, Oregon? Maybe as far as Florence, I can't find any records, but one site said it's rarely below 33. Santa Paula can be iffy, I think it was 89 or 90 when we had the cold wind and where I worked the avacado trees set over a year without any leaves.

2 ^ | ˅ • Reply • Share ›

Apotropaic ➦ VC_AvocadoGrower (VTA/SP) • 19 hours ago

Seems like a decent amount of the north coast would meet these criteria. Mendo, Humboldt, not very far from the ocean to avoid cold snaps. Course, they got their own cash crop up there already.

1 ^ | ˅ • Reply • Share ›

alanstorm ➦ Apotropaic • 19 hours ago • edited

Too cold here in interior Mendo I think.
Gets down in to the 20's starting in Nov.
Maybe Ft Bragg area?

1 ^ | ˅ • Reply • Share ›

PRCounty (Santa Lucia's) ➦ VC_AvocadoGrower (VTA/SP) • 19 hours ago

Out on the Farralon Islands maybe?

1 ^ | ˅ • Reply • Share ›

VC_AvocadoGrower (VTA/SP) ➦ PRCounty (Santa Lucia's) • 19 hours ago

Lol- climate wise probably excellent (minus the winds), but the soil is a little rocky, ha ha.

^ | ˅ • Reply • Share ›

Nathan ➦ VC_AvocadoGrower (VTA/SP) • 20 hours ago

ERROR 404: climate not found

7 ^ | ˅ • Reply • Share ›

VC_AvocadoGrower (VTA/SP) ➦ Nathan • 20 hours ago • edited

Lol. Even with climate change? I've always thought there are certain spots in the immediate coastal PNW/NorCal that could fit the bill with decreasing snow events and increasing overnight maximums..

^ | ˅ • Reply • Share ›

Straw Droughtyessa (Winters) ➦ VC_AvocadoGrower (VTA/SP) • 10 hours ago

Also totally forgot I have a friend who had a decent sized Hass orchard located just across the road from Waddell Creek state beach in Big Basin. About 500 trees I believe that were extremeley productive until they burned up in the fire this year.

He has another orchard in Santa Cruz proper, on Ocean St. extension. I believe Jack O'Neill bought that orchard and put it into a conservation easement just before he died.

1 ^ | ˅ • Reply • Share ›

Nathan ➦ VC_AvocadoGrower (VTA/SP) • 20 hours ago

Maybe Morgan Hill area? Too hot? Paso Robles probably too hot. Inland from SLO a bit?

^ | ˅ • Reply • Share ›

Dan the Weatherman ➦ Nathan • 20 hours ago

Paso Robles may get a little too cold during the winter for avocados, but that depends on how often they are below freezing.

1 ^ | ˅ • Reply • Share ›

VC_AvocadoGrower (VTA/SP) ➦ Dan the Weatherman • 19 hours ago

I've seen commercial groves around SLO and Morro Bay, but never east of the Santa Lucias- too cold I think. That's about the furthest north I've seen them.

Morgan Hill area is a good one- never thought of there before. Maybe even Salinas or Monterey? And other similar microclimates around the bay/coastal norcal?

^ | ⌄ • Reply • Share ›

Dan the Weatherman ↗ VC_AvocadoGrower (VTA/SP) • 19 hours ago

SLO and Morro Bay are milder since their climate is much more influenced by the Pacific. Paso Robles I believe is blocked from the milder air flow to some extent due to the mountains between there and SLO, with more extreme high and low temps.

^ | ⌄ • Reply • Share ›

Gilbert (Paso Robles) ↗ Dan the Weatherman • 8 hours ago • edited

Yeah, exactly right. Morro being right on the coast, has a very mild climate (monthly averages all between 62F and 69F) SLO is tucked away in a valley between the Irish Hills and the Santa Lucias, so it's bit warmer/colder (avg. 62F in Jan and 77F in September), but Paso Robles is significantly hotter in summer and colder in winter than either of those places (avg 94F in July, 60F in January, with avg. lows in December of 33F).

There are a lot of avocado groves on Highway 41 just east of Morro Bay, before you get into the Santa Lucias.

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